

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program No. 98-59

For

Willits Environmental Remediation Trust

Mendocino County

Surface Water Monitoring

A grab sample from the storm water drop inlet at the northeast corner of the plant property shall be obtained twice per year during the calendar months of December and February. Samples will be obtained during, or immediately after, a rainfall event while flow is occurring. Unfiltered samples¹ shall be analyzed for:

Total Chromium
Halogenated Volatile Organics
by EPA 601 method
MTBE

Hexavalent Chromium
Methyl Ethyl Ketone

Groundwater Elevation Measurements

Groundwater levels from all onsite monitoring wells shall be measured quarterly. Tabular presentation of the current and historical data will be provided including: top of casing elevation; depth to water; and water table elevation. Groundwater gradient maps for each aquifer zone and a tabular presentation of vertical gradients will be prepared.

Groundwater Sampling

Representative grab samples shall be collected quarterly from all existing monitoring wells and those installed in the future.

Prior to sampling, the bore hole shall be properly purged. Purging, sampling and decontamination protocols, field sampling logs will be submitted. Logs will include equilibrium measurements, pumping rates and other appurtenant information. Samples¹ shall be analyzed for:

Total Chromium
Hexavalent Chromium
Turbidity

Halogenated Volatile Organics by EPA 601 method
Methyl Ethyl Ketone

Hexavalent chromium analyses must be performed within 24 hours of sample collection. Sample time as well as time of analysis shall be reported. Total and soluble chromium samples will be

¹ Alternative analytical methodologies may be substituted if they provide equivalent minimum detection limits as the specified methodology.

filtered and preserved by acidification at the time of collection, prior to transport to the laboratory.

Maintenance

The discharger shall implement the Maintenance and Inspection Program (M&I) required under Order No. 98-59. Inspections of surface water drainages and runoff patterns during storm events shall be conducted. Logs all activities required by the M&I Program, conditions noted and corrective action taken shall be submitted monthly to the Regional Water Board. In the event of unpermitted discharges or conditions that cause a violation or threatened violation of any State law, Policy or Order of the Regional Water Board, the discharger shall notify Regional Water Board staff verbally within 24 hours of the observation.

Reporting

Monitoring reports for the previous quarter shall be submitted by January 30, April 30, July 30 and October 30. Reports shall present the data in tabular format. Reports shall contain any information from monitoring or observations performed more frequently than required, or at locations not required, by this Program. All data or observations pertinent to surface or groundwater quality shall be submitted, regardless of the party generating the information.

The January report shall present a tabular summary of the past year's data. Discussions concerning observable groundwater trends or on-site occurrences during the previous year should be contained in the January 30 report. The monitoring report shall be transmitted in accordance with specifications of Resolution 71-5 adopted by the Regional Water Board on February 3, 1971.

Ordered by _____

Lee A. Michlin
Executive Officer

May 5, 1998